LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093804.D
Acq On : 21 Mar 2017 17:59
Operator : SJ/MA
Sample : I2331-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-002-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.081	15	17	25	rVB2	87400	139652	2.77%	0.304%
2	5.007	270	273	278	rBV	501777	754781	14.96%	1.644%
3	5.430	307	310	312	rBV	4139407	4515661	89.48%	9.836%
4	6.459	397	400	403	rBV	3694670	4449049	88.16%	9.691%
5	6.596	409	412	414	rBV	4478420	4698608	93.10%	10.235%
6	6.824	430	432	434	rBV	1550443	1290139	25.56%	2.810%
7	6.984	443	446	448	rVB	3912817	3563444	70.61%	7.762%
8	7.385	478	481	484	rBV	2634197	2788362	55.25%	6.074%
9	7.476	487	489	491	rBV	75865	64406	1.28%	0.140%
10	8.105	542	544	547	rBV	1230075	1751706	34.71%	3.816%
11	9.190	636	639	641	rBV	5155880	5046587	100.00%	10.993%
12	9.579	671	673	675	rBV	479787	384531	7.62%	0.838%
13	9.865	695	698	700	rBV	2002958	1951715	38.67%	4.251%
14	10.311	735	737	738	rVB	92509	76354	1.51%	0.166%
15	10.642	764	766	769	rBV2	2176456	2683068	53.17%	5.844%
16	10.779	776	778	782	rVB	130000	149283	2.96%	0.325%
17	11.225	815	817	819	rBV	101709	93011	1.84%	0.203%
18	11.339	825	827	828	rBV	2017558	1748490	34.65%	3.809%
19	11.362	828	829	831	rVV	255669	185235	3.67%	0.403%
20	11.408	831	833	835	rVB	54733	61728	1.22%	0.134%
21	11.648	852	854	857	rBV	43105	55482	1.10%	0.121%
22	11.876	872	874	879	rBV3	185210	278413	5.52%	0.606%
23	11.945	879	880	885	rVB	59407	93155	1.85%	0.203%
24	12.139	894	897	900	rBV3	24761	53756	1.07%	0.117%
25	12.539	930	932	935	rBV	266573	314224	6.23%	0.684%
26	12.665	940	943	945	rVV3	37877	53671	1.06%	0.117%
27	12.768	949	952	955	rBV	332632	352381	6.98%	0.768%
28	12.928	963	966	968	rVB	3869506	4040668	80.07%	8.801%
29	13.099	975	981	983	rVB3	39922	71663	1.42%	0.156%
30	13.499	1011	1016	1022	rBV8	18153	82352	1.63%	0.179%
31	13.831	1042	1045	1049	rBV2	192809	250601	4.97%	0.546%
32	13.968	1054	1057	1058	rVV	1332953	1562715	30.97%	3.404%
33	13.991	1058	1059	1061	rVB	120194	87154	1.73%	0.190%
34	14.071	1063	1066	1069	rBV3	27269	55525	1.10%	0.121%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : FK-GF-01-002-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.151	1069	1073	1075	rBV2	27134	75619	1.50%	0.165%
36	14.460	1098	1100	1102	rBV2	52415	59389	1.18%	0.129%
37	14.974	1142	1145	1150	rBV	106389	231753	4.59%	0.505%
38	15.077	1151	1154	1159	rVB2	64179	95239	1.89%	0.207%
39	15.248	1167	1169	1172	rVB	62226	89409	1.77%	0.195%
40	15.305	1172	1174	1177	rBV	87762	114634	2.27%	0.250%
41	15.374	1177	1180	1184	rBV	879335	1119536	22.18%	2.439%
42	15.842	1218	1221	1223	rBV	38823	70328	1.39%	0.153%
43	15.877	1223	1224	1229	rVB4	34763	72782	1.44%	0.159%
44	16.723	1295	1298	1302	rBV2	41895	84130	1.67%	0.183%
45	17.123	1330	1333	1337	rVB	38492	81060	1.61%	0.177%
46	17.294	1346	1348	1354	rVB6	22781	67878	1.35%	0.148%

Sum of corrected areas: 45909327

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093804.D
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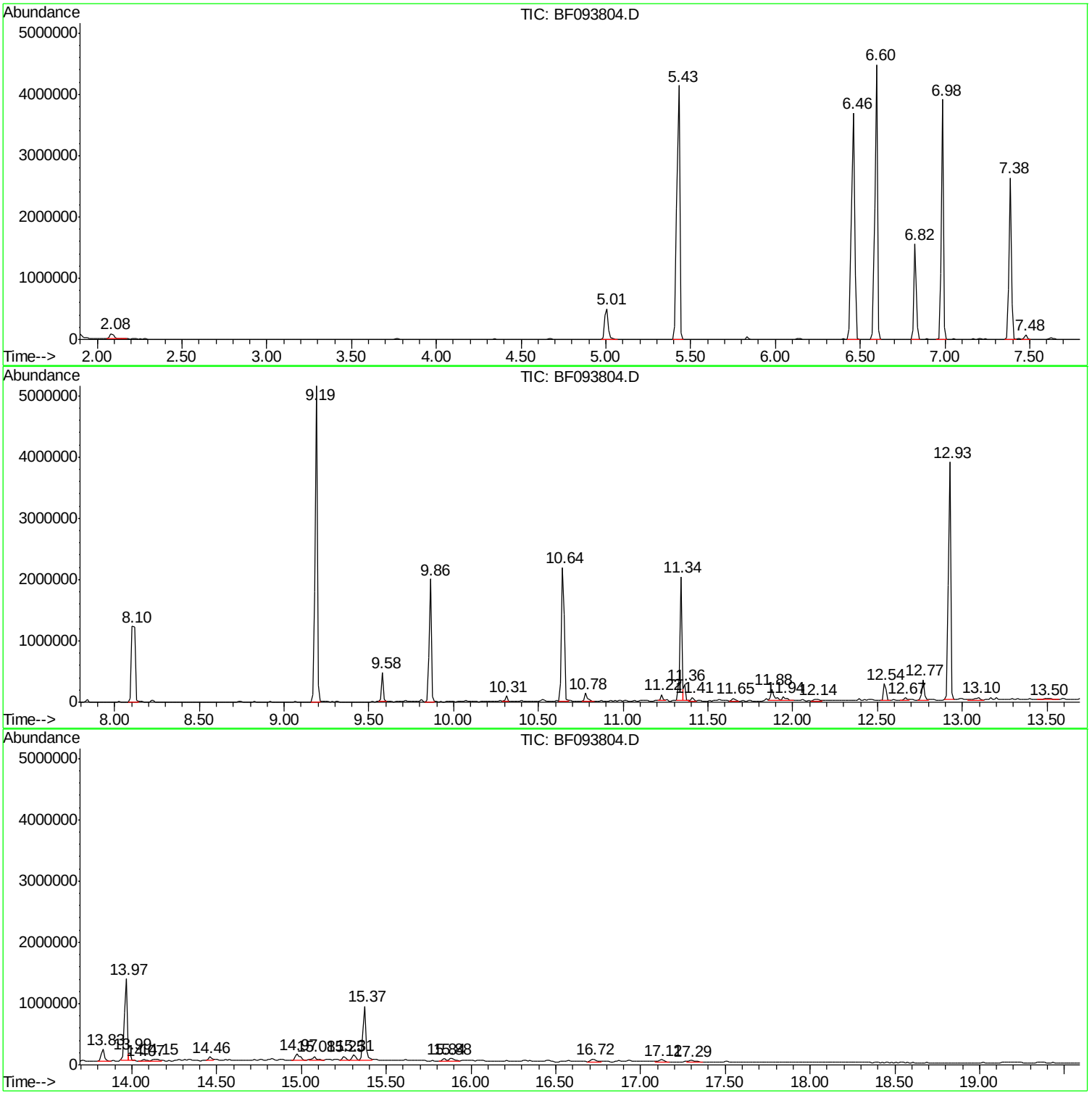
Operator : SJ/MA
Sample : I2331-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093804.D
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Operator : SJ/MA
Sample : I2331-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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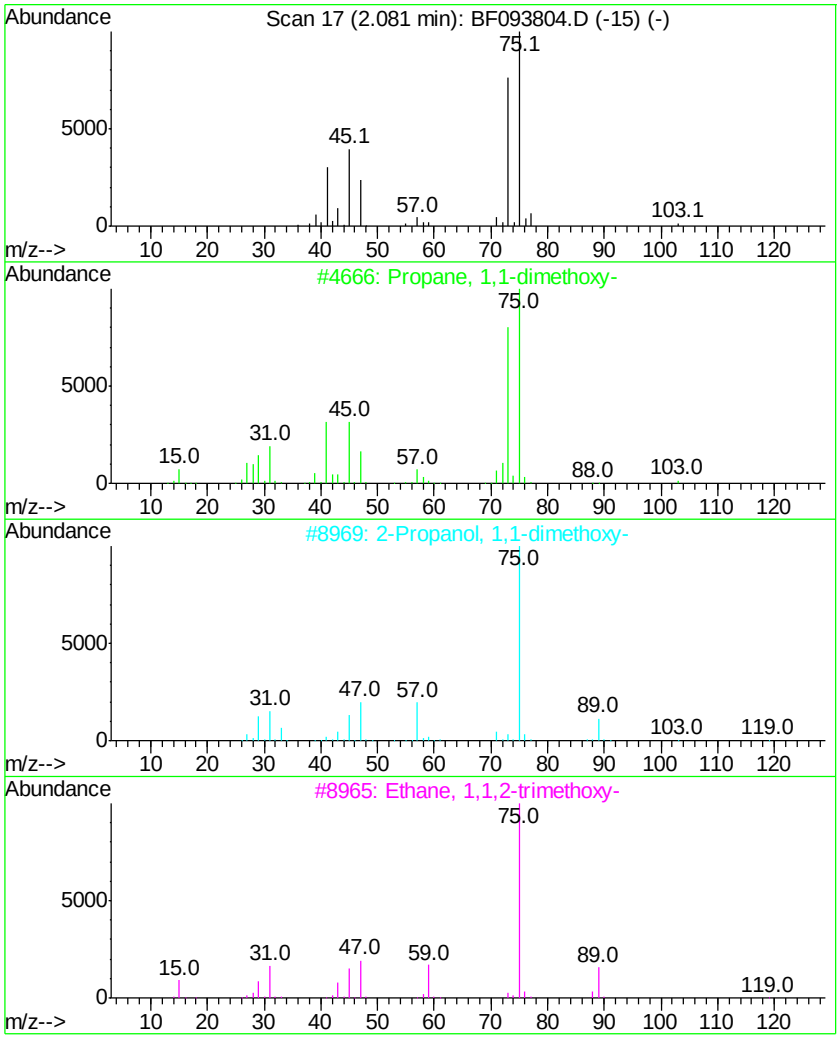
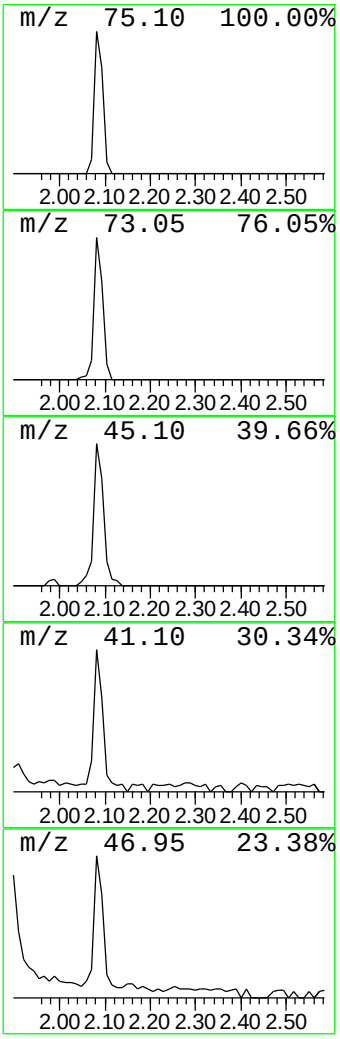
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	2.16 ng	139652	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	40
3	Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	33
4	Methane, trimethoxy-	106	C4H10O3	000149-73-5	9
5	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093804.D
Acq On : 21 Mar 2017 17:59
Operator : SJ/MA
Sample : I2331-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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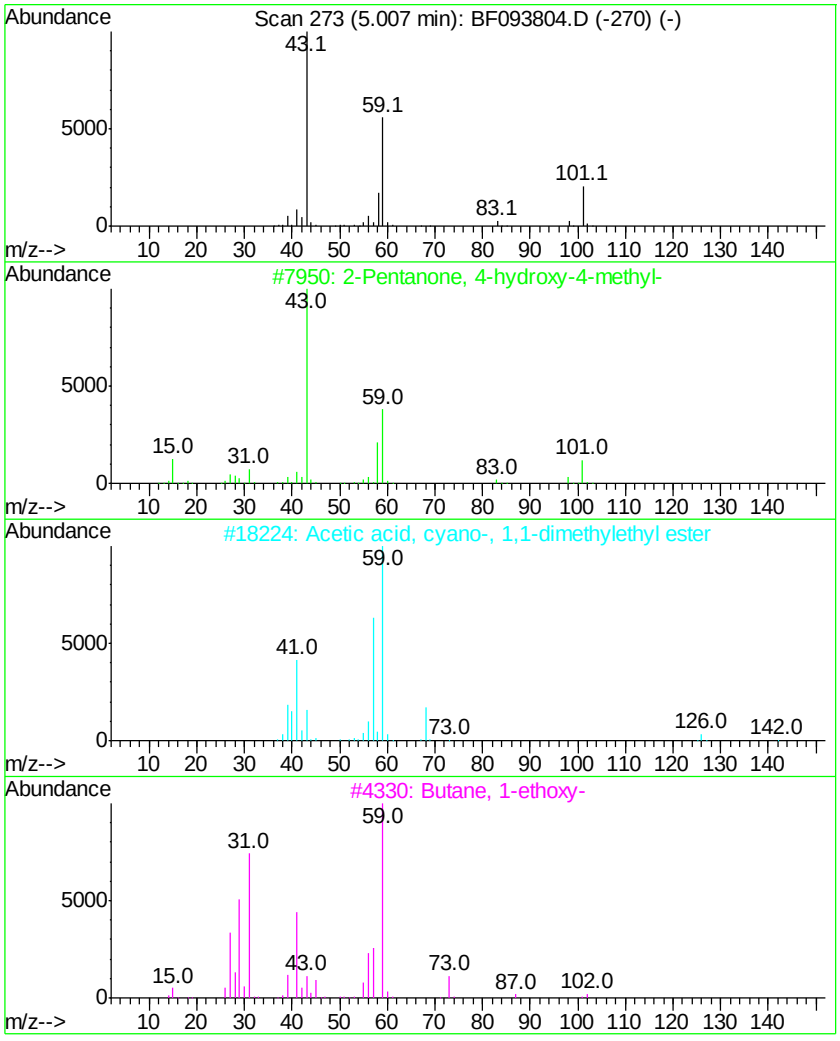
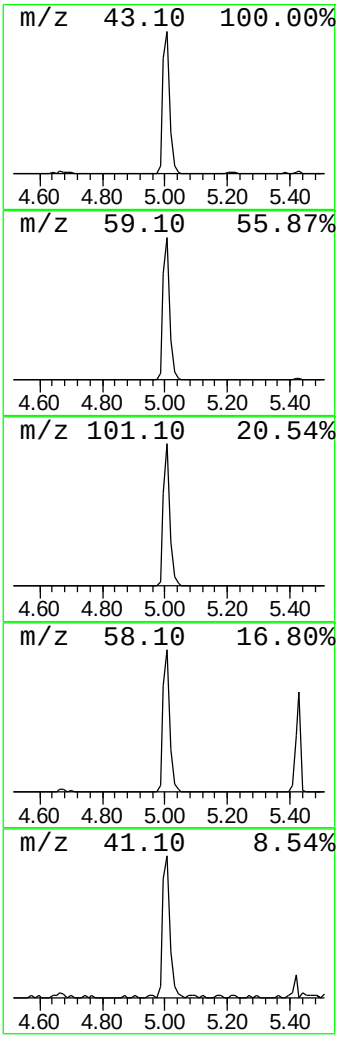
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	11.70 ng	754781	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : I2331-01
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Instrument : BNA_F
ClientSampleId : FK-GF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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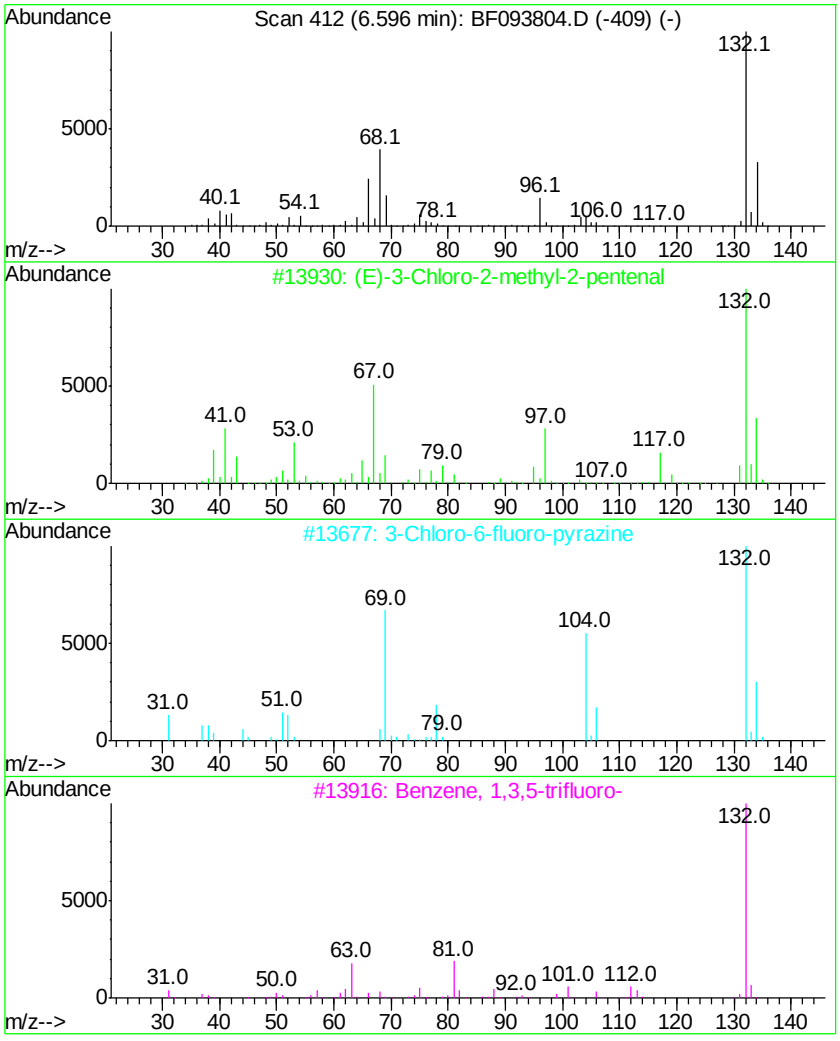
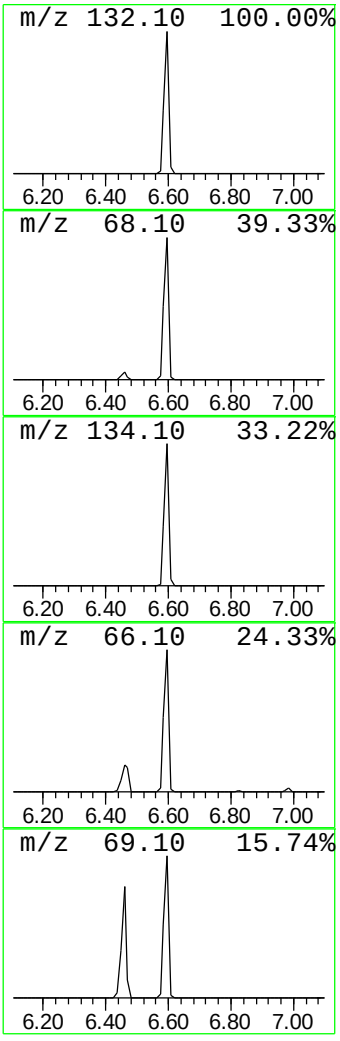
Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	72.84 ng	4698610	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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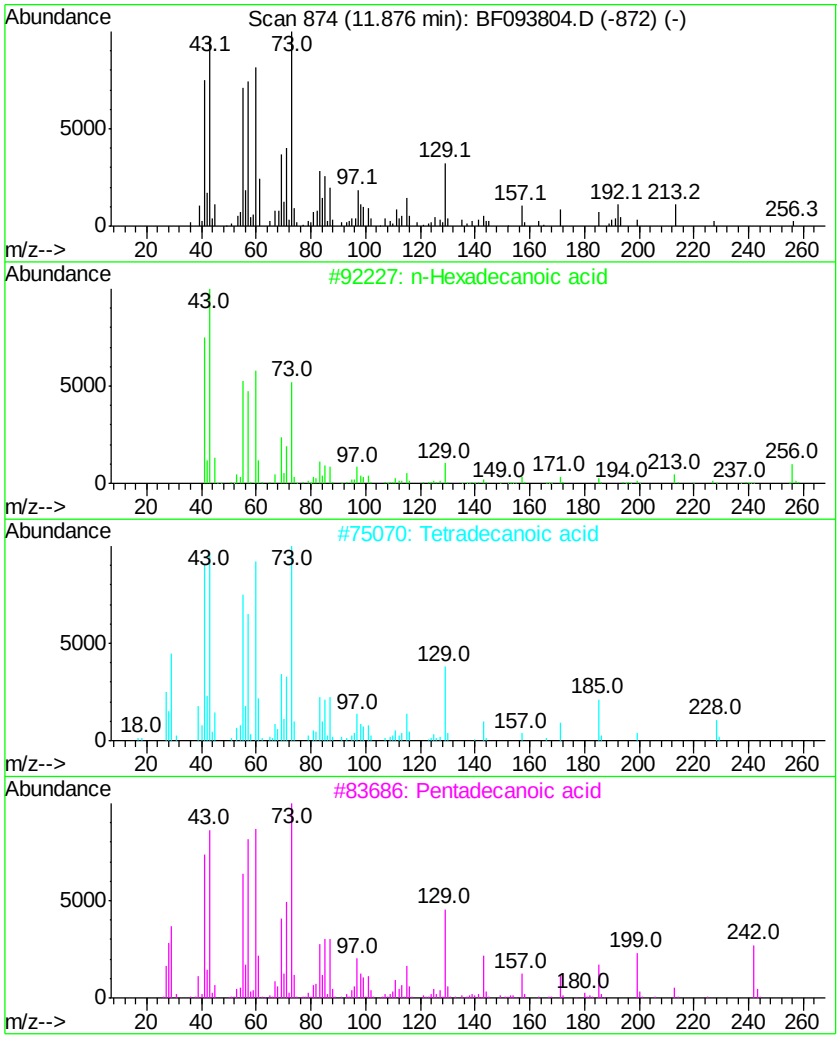
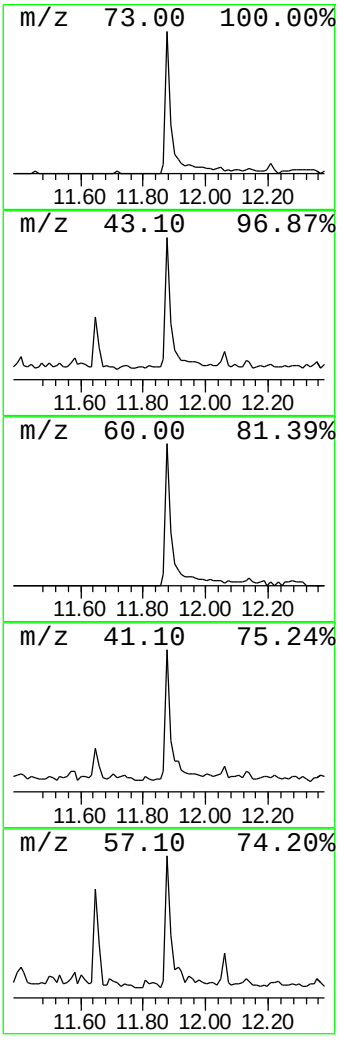
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.18 ng	278413	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	38





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Instrument : BNA_F
ClientSampleId : FK-GF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

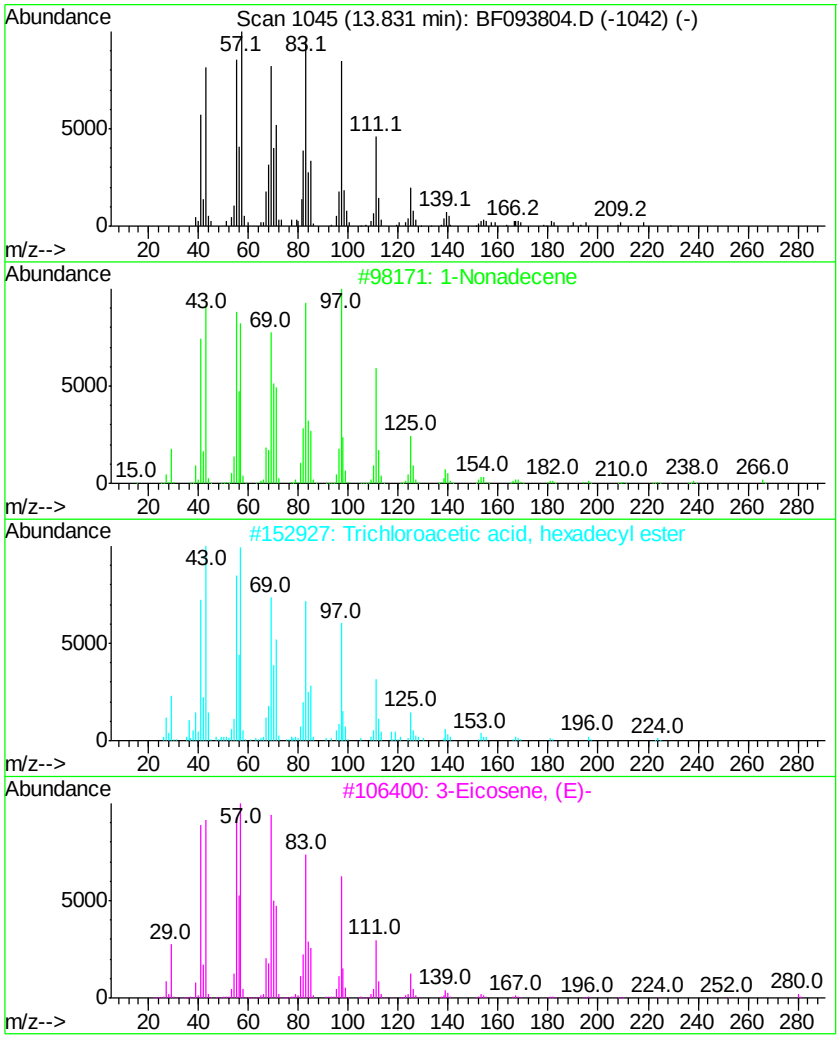
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

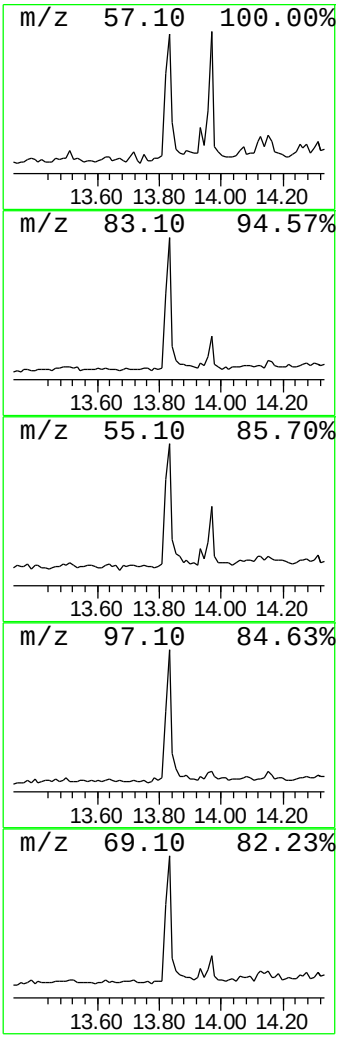
****

Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.21 ng	250601	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
5	1-Octadecanol	270	C18H38O	000112-92-5	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.08	2.2	ng	139652	1	6.82	1290140	20.0
2-Pentanone, 4-hy...	5.01	11.7	ng	754781	1	6.82	1290140	20.0
unknown6.60	6.60	72.8	ng	4698610	1	6.82	1290140	20.0
n-Hexadecanoic acid	11.88	3.2	ng	278413	4	11.34	1748490	20.0
1-Nonadecene	13.83	3.2	ng	250601	5	13.97	1562720	20.0